

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L1    | 11397 | ((paper with coating) with pigment)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 09:42 |
| L2    | 5363  | L1 and (kaolin or tio2 or (titanium adj dioxide) or clay or (aluminum adj hydroxide)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 09:42 |
| L3    | 3498  | L2 and @ad<"20030716"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 09:42 |
| L4    | 347   | L3 and (paper adj coating).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 09:42 |
| L5    | 266   | L4 and (dispersant or (dispersing adj agent) or dispersing or disperse)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 09:42 |
| L6    | 24    | L5 and (conductivity or conduction)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 10:27 |
| L7    | 1     | "5833747".pn. and rutile  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 10:28 |
| L8    | 1     | "5833747".pn. and aluminum  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/01/15 10:29 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L9  | 0    | "5833747".pn. and AlOH                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 10:29 |
| L10 | 1    | "5833747".pn. and hydroxide                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 11:01 |
| L11 | 6535 | (AlOH3 or Al(OH)3 or (aluminum adj hydroxide)) and I1      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 11:04 |
| L12 | 6535 | (AlOH3 or Al(OH)3 or (aluminum adj hydroxide).clm.) and I1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 11:03 |
| L14 | 0    | (aluminum adj hydroxide).clm. and I5                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 11:05 |
| L15 | 24   | aluminum.clm. and I5                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 11:05 |
| S1  | 1050 | virtanen.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/15 09:42 |
| S2  | 47   | virtanen.in. and (calcium adj carbonate)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 11:48 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S3  | 2     | "4166582".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 11:58 |
| S4  | 11381 | ((paper with coating) with pigment)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 11:58 |
| S5  | 5355  | S4 and (kaolin or tio2 or (titanium adj dioxide) or clay or (aluminum adj hydroxide)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 11:59 |
| S6  | 3497  | S5 and @ad<"20030716"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:00 |
| S7  | 1772  | S6 and (paper adj coating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:00 |
| S8  | 347   | S6 and (paper adj coating).clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:00 |
| S9  | 266   | S8 and (dispersant or (dispersing adj agent) or dispersing or disperse)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:01 |
| S10 | 60    | S8 and (dispersant or (dispersing adj agent) or dispersing or disperse).clm.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:02 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S11 | 23 | S10 and (titanium and aluminum and kaolin and clay)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:12 |
| S12 | 6  | S11 and (electric or electrolyte or electrical or elect?)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:46 |
| S13 | 21 | S11 and ((calcium adj carbonate) or pcc or ppc or (precipitated adj calcium)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 12:58 |
| S14 | 13 | S13 and (filter or filtration or filtered)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 13:00 |
| S15 | 7  | S14 and cake  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/01/09 13:00 |